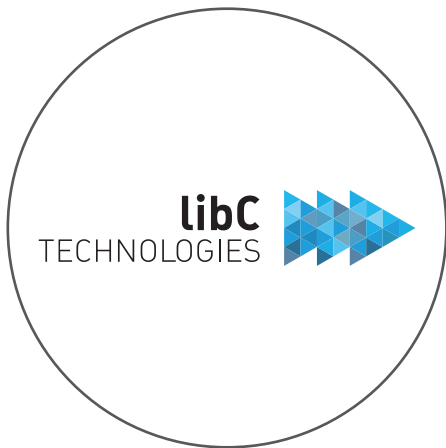




Customer Reference

libC Technologies SA

Company

Industry: Cyber security services / software manufacturers

Location: Lausanne, Zurich, Dublin

Founded: 2012

Core product: www.swisspki.com



libC Technologies is a leading provider of solutions and services in the areas of IT security and software development. The company is owner-managed and has been operational since 2012, with headquarters in Lausanne and branches in Zurich and Dublin.

libC Technologies relies on Switzerland as a business location and its innovative strength. Its customer base includes more than 60 well-known companies with whom it implements strategic projects. Its portfolio includes clients such as the Swiss Confederation and companies from the finance, insurance, retail, industry and telecommunications sectors.

The core product in the area of “**Identity & Access Management**” is SwissPKI™. The SwissPKI™ solution developed by libC Technologies in Switzerland focuses on customer benefits.

The modular structure of the product and sophisticated templates for standard processes enable rapid, customer-specific functional enhancements and integration into existing workflows.

Certificate management monitors the validity of issued certificates and provides early notification before they expire or automatically initiates renewal.

The integrated OpenAPI for automation gives the customer access to the functionality.

The libC Technologies team is committed to ensuring effective operation for its customers and keeping operating costs low. Changes to international standards (CAB, ETSI, RFC) are continuously updated and round off the solution's benefit profile.

Case

“We set ourselves very high standards in our work. This means that not only do our products have to offer excellent technical and functional quality, but we also want to make it as easy as possible for our customers to access our solution,”



Markus
Zimmermann

libC

Director Business
Development

The aim of the collaboration between copebit and libC was to make the core product SwissPKI™ available in the AWS marketplace. Customers are increasingly relying on quickly available and highly scalable solutions in solid cloud environments. This market trend is directly related to time-to-market, i.e. the time it takes to bring a product or service to market.

With the availability of SwissPKI™ as an AWS Cloud service, companies benefit from a shortening of this time span, can react quickly to changing market requirements and secure their products integratively. A security-first or security-by-design approach is made possible.

Being able to place a product in the AWS Marketplace also offers the user a range of benefits. When selecting the software, they can enter their procurement requirements, centralize invoicing and negotiate procurement and operating conditions. Finally, the entire user administration is also centralized on the company's own AWS platform.

In addition, the presence in the AWS Marketplace offers further clear advantages for libC:

1. **Business scalability:** Gain in visibility and reach in the AWS Marketplace
2. **Technical scalability:** Automated upscaling and downscaling of the solution in the cloud, including the corresponding optimization of operating and licensing costs
3. **Operational scalability:** outsourcing to an external infrastructure increases geographical availability and reduces the effort involved in operating the data center.

A Fully Integrated Solution

The solution, which is available in AWS Marketplace, offers a complete self-service workflow for installation on AWS. It was ensured that all product features of the SwissPKI™ solution, from automated license management to the Certificate Authority (CA) portal for customers, including the required infrastructure, were seamlessly integrated.

“The complexity of the project overwhelmed us all at times. The very high self-service standard set by libC meant that we identified a lot of dependencies during the project and wanted to integrate them. As a result, the user now experiences extremely simple handling in the AWS Marketplace and the portal,” says copebit CTO Marco Kuendig.

In addition, a clean monitoring of the solution was set up, which enables continuous optimization and ensures the availability of the service.

Tech Set

- **Kubernetes with AWS EKS**
- **PostgreSQL with Aurora Serverless v2**
- **RabbitMQ with AWS MQ**
- **Redis with ElastiCache**
- **Storage with EFS and AWS S3**
- **Full integration with AWS Marketplace**
- **License check with AWS License Manager**
- **Observability: Monitoring, alerting, and logging with CloudWatch**



Project Benefits

“For the project, we had to streamline some pipelines with those of the solution and were able to improve our processes as a result. A good sign of the great collaboration with copebit: they not only supported us, they inspired us,” says Marcel Suter, Director Solutions at libC.

Process Streamlining

Within the collaboration focusing on the SwissPKI™ solution, copebit was also able to help libC optimize its own processes.

Commercial protection

One of the greatest added values of the project is the commercial protection of the solution. Through monitoring, automation in scaling, and license management, it can be ensured at all times that the investment and the billability of the solution match for the end customer as well as for libC.

Outlook

For libC's industrial customers, the AWS solution is now the starting signal for an international roll-out. Some customers have been waiting for exactly this step and are in the process of increasing the security of their international locations in addition to their European sites.

“Especially in the IoT sector, where IAM plays a central role but the dynamics of devices and utilization are extremely volatile, such a scalable and user-friendly cloud solution is a perfect match,” says Marcel Suter.

About libC: www.libc.ch



«With copebit, we have found a company that has a very high level of expertise in preparing the SwissPKI™ solution for the AWS platform. The team's analytical approach helped us to successfully implement the highly complex project.»



Marcel Suter
libC
Director Solutions



About copebit

Copebit AG is an innovative and dynamic Swiss IT company with focus on cloud consulting, development, engineering and operations. Besides the standard to always master the latest cloud portfolio, copebit AG also offers project management from «classic» over HERMES 5 to the diverse world of «agile methods» like SCRUM and SAFe. Results and a successful cooperation with the customer are always in the foreground.

Copebit consciously focuses on sustainable values such as transparency, partnership and a long-term approach - for a meaningful everyday working life.



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